

Notice of Allowability

Application No.

10/803,591

Examiner

FRANKIE L. STINSON

Applicant(s)

FAULHABER, JAMES

Art Unit

1792

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed November 8, 2007 AND Interview of Jan. 9, 2008.
2. ☒ The allowed claim(s) is/are 1 and 10.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. §-119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 1/9/2008.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


FRANKIE L. STINSON
Primary Examiner
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1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Keith Campbell on January 9, 2008.

3. In accordance with the above noted interview, the following change(s) has(have) been made:

Clams 1 and 10 have been amended as follows:

1. In a portable surface cleaning machine for moving over a surface to be cleaned and producing a pressurized cleaning spray directed onto the surface, said machine including an elongated spinner bar having a first end, a second end, and a rotary mount therebetween, said spinner bar constructed and arranged to rotate in a plane parallel to the surface to be cleaned, the improvement comprising:

said spinner bar defined by a single tubular member having sealed ends and a plurality of apertures extending through a side wall of said tubular member constructed and arranged for accepting spray nozzles;

a first array of spray nozzles at said first end of said spray bar and a second array of spray nozzles at said second end

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of said spray bar, said first array and said second array each having an outermost nozzle and an inner nozzle, said outermost nozzle fixedly inclined at a first compound angle with respect to said plane to direct said cleaning spray at said surface on a rearward side of a vertical axis extending through said spray bar to provide motive force to cause rotation of said spray bar, said nozzle also angled to spray outwardly to spray beyond the distal end of said spinner bar and said inner nozzle fixedly inclined at a second substantially vertical angle with respect to said plane to direct said cleaning spray at said surface along said vertical axis extending through said spray bar, said inner nozzle and said outermost nozzle being positioned along a longitudinal axis of said spray bar so that a portion of the spray pattern produced by said inner nozzle overlaps a portion of the spray pattern produced by said outermost nozzle during rotation of said spinner bar, whereby said outer nozzles direct spray beyond the distal ends of said spinner bar to increase the effective width of the cleaned path and, whereby said overlapping spray patterns cause the cleaned area to have a uniform appearance.

10. (to be patent claim 2) In a portable surface cleaning machine for moving over a surface to be cleaned and producing a pressurized cleaning spray directed onto the surface, said machine including an elongated spinner bar having a first end, a second end, and a rotary mount therebetween, said spinner bar constructed and arranged to rotate in a plane parallel to the surface to be cleaned, the improvement comprising:

said spinner bar defined by a single tubular member having sealed ends and a plurality of apertures extending through a side wall of said tubular member constructed and arranged for accepting spray nozzles;

a first array of spray nozzles at said first end and a second array of spray nozzles at said second end, said first array and said second array each having an outermost nozzle an intermediate nozzle and an innermost nozzle, said outermost nozzle inclined at a first compound angle with respect to said plane to direct said cleaning spray at said surface on a rearward side of a vertical axis extending through said spray bar to provide motive force to cause rotation of said spray bar, said nozzle also angled to spray outwardly to spray beyond the distal end of said spinner bar, said intermediate nozzle inclined at a second substantially perpendicular angle with respect to said plane to direct said cleaning spray at said

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surface, and said at least one innermost nozzle inclined at a third substantially perpendicular angle with respect to said plane to direct said cleaning spray at said surface, said innermost nozzle, said intermediate nozzle and said outermost nozzle being positioned along a longitudinal axis of said spray bar so that a portion of the spray pattern produced by said at least one intermediate nozzle overlaps a portion of the spray pattern produced by said outermost nozzle and a portion of said innermost nozzle overlaps a portion of the spray pattern produced by said intermediate nozzle during rotation of said spinner bar, whereby said outer nozzles direct spray beyond the distal ends of said spinner bar to increase the effective width of the cleaned path and, whereby said overlapping spray patterns cause the cleaned area to have a uniform appearance.

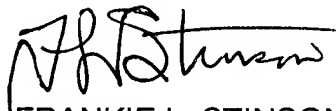
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to FRANKIE L. STINSON whose telephone number is (571) 272-1308. The examiner can normally be reached on M-F from 5:30 am to 2:00 pm and some Saturdays from approximately 5:30 am to 11:30 am.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Barr, can be reached on (571) 272-1700. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

fls



FRANKIE L. STINSON
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